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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/524,613

02/16/2005

Keisuke Kabashima

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EXAMINER

MIRZA, ADNAN M

ART UNIT

PAPER NUMBER

2145

MAIL DATE

DELIVERY MODE

08/14/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/524,613	Applicant(s) KABASHIMA ET AL.	
	Examiner ADNAN M. MIRZA	Art Unit 2145	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 August 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-36 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-36 are rejected under 35 U.S.C. 102(e) as being anticipated by Bendinelli et al (U.S. 6,631,416).

3. As per claims 33,1,4-27,30 Bendinelli disclosed a network system comprising: an edge router apparatus that is disposed at a connection between a network and the outside of the network, receives a packet from the outside of the network and transfers the packet to a router apparatus within the network, or transmits a packet from a router within the network to the outside of the network (col. 13, lines 21-34); and a core router apparatus that receives and transfers a packet to which switching information has been affixed for switching the packet; wherein: the edge router apparatus comprises: a switching information calculation device that obtains the switching information for switching the received packet at each router apparatus positioned along a transfer path of the received packet within the network based on a destination address of the packet received from the outside of the network (col. 13, lines 45-55); and a first transmitting device that affixes to the received packet the switching information obtained by the switching information calculation device in a transfer path order, and transfers the received

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packet to which the good switching information has been affixed to a transfer destination router apparatus; and the core router apparatus comprises: a second transmitting device that switches the received packet in the core router apparatus itself based on the switching information that has been affixed to the received packet, and transmits a packet that has had the switching information used by the core router apparatus itself deleted (col. 43, lines 19-41).

4. As per claims 34,28-29,2 Bendinelli disclosed A network system comprising: an edge router apparatus that is disposed at a connection between a network and an another network, receives a packet from the other network and transfers the packet to a router apparatus within the network, or transmits a packet from a router apparatus within the network to the other network; and a core router apparatus that receives and transfers a packet to which switching information has been affixed for switching the packet; wherein: the edge router apparatus comprises: a routing table that stores switching information for switching the packet at each router apparatus positioned along a transfer path of the packet in the network up to the other network for each network address of the other network (col. 27, lines 45-63); a switching information calculation device that uses a destination address of the packet received from the other network, searches the routing table, and obtains the switching information for switching the received packet at each router apparatus positioned along the transfer path of the received packet within the network (col. 28, lines 36-48); and a first transmitting device that affixes to the received packet the switching information obtained by the switching information calculation device in a transfer path order, and transfers the received packet to which the switching information has been affixed to a transfer destination router apparatus (col. 13, lines 45-55); and the core router apparatus

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comprises: a second transmitting device that switches the received packet in the core router apparatus itself based on the switching information that has been affixed to the received packet, and transmits a packet that has had the switching information used by the core router apparatus itself deleted (col. 43, lines 19-41).

5. As per claim 35,31 Bendinelli disclosed wherein: the edge router apparatus provides a data input apparatus for setting the switching information in the router table (col. 27, lines 45-63).

6. As per claims 36,32,3 Bendinelli disclosed wherein: the edge router apparatus comprises: a first reporting device that reports a network address of the other network connected to the edge router apparatus itself and switching information to the other network to a core router apparatus or another edge router apparatus connected to the edge router apparatus itself as path information (col. 58, lines 27-36), and a creating device that receives the path information that has been reported from the core router apparatus or the other edge router apparatus connected to the core router apparatus itself, and creates the routing table based on the received path information (col. 57 lines 9-15) ; and the core router apparatus comprises: a second reporting device that affixes switching information for an edge router apparatus or a core router apparatus that have transmitted the path information to the received path information, and reports the path information having affixed the switching information to core router apparatuses and edge router apparatuses other than the edge router apparatus and the core router apparatus that have

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transmitted the path information among core router apparatuses and edge router apparatuses that are connected to the core router apparatus itself (col. 13, lines 45-55).

Conclusion

7. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (571)-272-3885.

8. The examiner can normally be reached on Monday to Friday during normal business hours. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571)-272-3933. The fax for this group is (703)-746-7239. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

9. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866)-217-9197 (toll-free).

/A. M. M./

Examiner, Art Unit 2145

/Patrice Winder/

Primary Examiner, Art Unit 2145